



Product Evaluation

DR877 | 0218

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-877

Effective Date: February 1, 2018

Re-evaluation Date: February 2022

Product Name: Wood Clad Aluminum Liftslide AWLS and ALS-T Sliding Glass Door, Impact Resistant

Manufacturer: Weiland Sliding Doors and Windows, Inc.
2601 Industry Street
Oceanside, CA 92054
(760) 722-8828

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Wood Clad Aluminum Liftslide Door AWLS / ALS-T PXXX-XX0 (Straight Unit)	LC-PG45 351 x 148 Missile Level D	+45 / -45 psf
2	Wood Clad Aluminum Liftslide Door AWLS / ALS-T PXXX-XX0 (Straight Unit)	R-PG80 350 x 100 Missile Level D	+80 / -80 psf
3	Wood Clad Aluminum Liftslide Door AWLS / ALS-T OXX-XO (Corner Unit)	LC-PG45 183/122 x 148 Missile Level D	+45 / -45 psf

Product Dimensions:

System	Overall Size	Panel Size	Glass Daylight Opening Size
1	350-1/2" x 147-3/4"	60" x 144"	53" x 137"
2	352-1/2" x 99-7/8"	60" x 96"	53" x 89"
3	Front: 183" x 147-3/4" Return: 122" x 147-3/4"	60" x 144"	53" x 137"

Product Identification (Certification Agency Label on Door):

System		
1, 2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Weiland Sliding Doors and Windows, Inc.
	Product Name	442-H-001 AWLS, ALS-T (Straight Unit)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05 / ASTM E 1996-12/ Wind Zone 4, Missile Level D
3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Weiland Sliding Doors and Windows, Inc.
	Product Name	442-H-001 AWLS, ALS-T (Corner Unit)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E 1886-05 / ASTM E 1996-12 Wind Zone 4, Missile Level D

Components & Hardware

System	Component	Quantity	Attachment Method
1, 2, 3	Shoot bolt into head and sill & Shoot bolt Strike	1 each	Hardware and components must be installed in accordance drawing WSD007, "Liftslide Sliding Glass Door (AWLS & ALS-T)," Weiland Sliding Doors and Windows, Inc., Sheets 1 thru 18, dated March 3, 2017, Rev. A, sheet 18 of 18, revised October 30, 2017, all signed, sealed, and dated January 19, 2018 by Hermes F. Norero, PE.
	Lift/Slide hardware	1/panel	
	Jamb Lock (System 2)	3 locking points	
	Jamb Lock (Systems 1, 3)	5 locking points	
	Aluminum Anti-Derailer	2 per panel bottom rail	

Impact Resistance:

System	Impact Resistant	Requirement
1, 2, 3	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System		
1, 2, 3	Type of Installation	Installation must be installed in accordance drawing WSD007, "Liftslide Sliding Glass Door (AWLS & ALS-T)," Weiland Sliding Doors and Windows, Inc., Sheets 1 thru 18, dated March 3, 2017, Rev. A, sheet 18 of 18, revised October 30, 2017, all signed, sealed, and dated January 19, 2018 by Hermes F. Norero, PE.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's Installation Instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.